Klrc1/Klrc2/Klrc3 monoclonal antibody, clone 20d5 (Biotin)

Catalog # MAB5773 Size 500 ug

Specification

Product Description	Rat monoclonal antibody raised against Klrc1/Klrc2/Klrc3.
Immunogen	CHO cells transfected with murine NKG2.
Host	Rat
Reactivity	Mouse
Specificity	Mouse NKG2 (Mr ~ 43 KDa).
Form	Liquid
Conjugation	Biotin
Isotype	IgG2a, kappa
Recommend Usage	Flow Cytometry (1 ug/10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store in the dark at 4°C. Do not freeze. Avoid prolonged exposure to light. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Flow Cytometry

Gene Info — Klrc1

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Entrez GeneID	16641
Gene Name	Klrc1
Gene Alias	CD159a, NKG2A, NKG2B
Gene Description	killer cell lectin-like receptor subfamily C, member 1
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	-

Gene Info — Klrc2

Entrez GeneID	16642
Gene Name	Klrc2
Gene Alias	NKG2C
Gene Description	killer cell lectin-like receptor subfamily C, member 2
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	-

Gene Info — Klrc3

Entrez GeneID	58179
Gene Name	Klrc3
Gene Alias	Nkg2e
Gene Description	killer cell lectin-like receptor subfamily C, member 3
Gene Ontology	Hyperlink
Gene Summary	O

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Other Designations	natural killer cell group 2E cell receptor

Publication Reference

- Analysis of Qa-1(b) peptide binding specificity and the capacity of CD94/NKG2A to discriminate between Qa-1-peptide complexes.

  Kraft JR, Vance RE, Pohl J, Martin AM, Raulet DH, Jensen PE.

  The Journal of Experimental Medicine 2000 Sep; 192(5):613.

  Application: Flow Cyt, Mouse, Mouse splenocytes

- Recognition of the class Ib molecule Qa-1(b) by putative activating receptors CD94/NKG2C and CD94/NKG2E on mouse natural killer cells.

  Vance RE, Jamieson AM, Raulet DH.

  The Journal of Experimental Medicine 1999 Dec; 190(12):1801.

- Mouse CD94/NKG2A is a natural killer cell receptor for the nonclassical major histocompatibility complex (MHC) class I molecule Qa-1(b).

  Vance RE, Kraft JR, Altman JD, Jensen PE, Raulet DH.

  The Journal of Experimental Medicine 1998 Nov; 188(10):1841.

  Application: Flow Cyt, Monkey, Mouse, COS-7, Mouse natural killer cells

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